

Pervasive Computing Lab GUI Assignment (50)

30-August-2017 - 15-September-2017(Deadline)

Create a single page quiz application.

The quiz app should have 2 or more categories of questions.

For example

1. Mathematics
2. General Knowledge
3. Science

The categories can be selected using radio buttons. At any given time only 1 category question is visible. You are allowed to use any GUI feature to categorize quiz sections. Just make sure the flow is easily understood. **(5 points) (Using Navigation Drawer will give you 5 bonus points)**

- <https://developer.android.com/training/implementing/navigation/nav-drawer.html>
- <http://blog.teamtreehouse.com/add-navigation-drawer-android>

Each category should have 5+ questions. **(2 points)**

Once a category is selected, questions will be displayed from that category only. Also the score will be visible from that category only.

The question will have 4 answers and out of them only 1 can be correct. **(5 points)**

Selecting a correct answer gives user a +2 score and a wrong answer -1. Score cannot go below 0. Show a toast message after user answers a question informing whether it was wrong or right and update the category score. **(10 points)**

Score is maintained separately for each category. **(3 points)**

Once a question is answered it should be disabled or removed from the stack of questions. Choosing to remove or disabling is left to you. **(5 points)**

Once all questions are finished in all categories the game should reset and display a dialog message showing your score in each category. You can also generate a Toast to show your final score. **(5 points)**

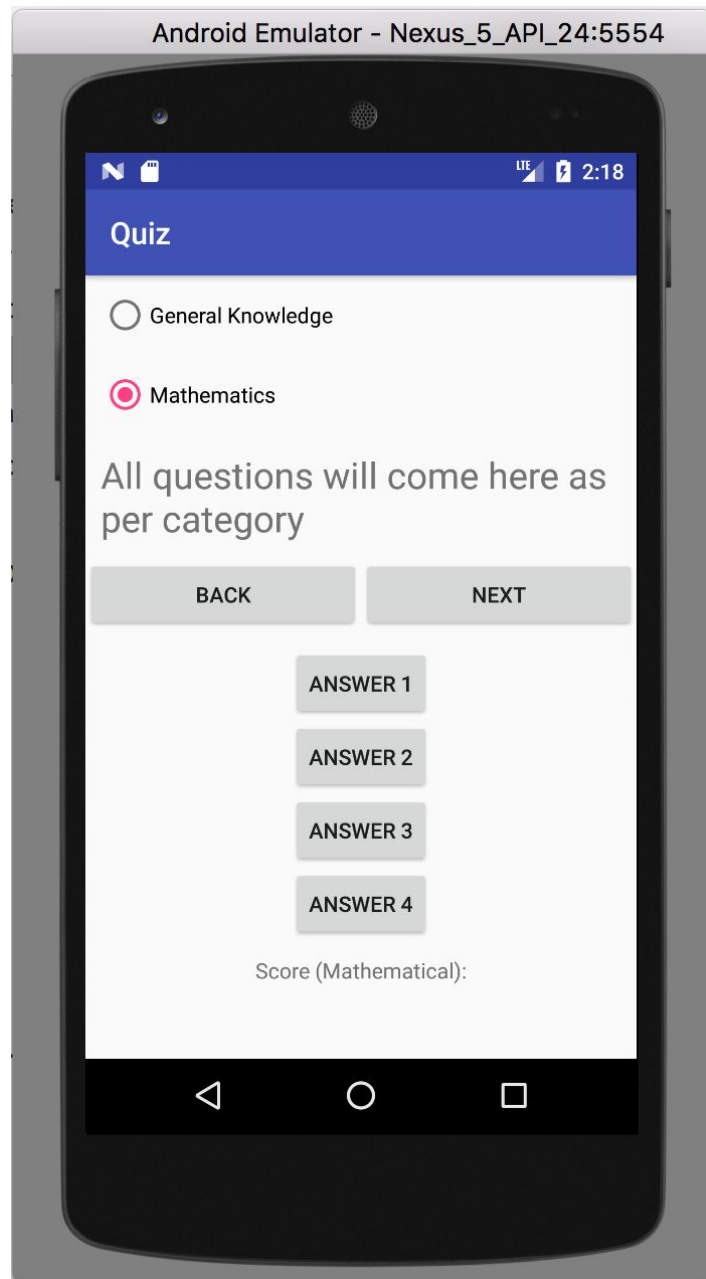
Application works smoothly no crashes, no compilation/build error **(10 points)**

CHALLENGE:

Try adding reset option in the app. **(2 points)**

Can you add it somewhere in the Activity Bar? **(3 points)** (Hint: settings options menu)

Reference/Mock GUI Screen



In under no circumstances are you allowed to collaborate or discuss your idea of implementation with other students. As this document is sufficient to explain you the general idea of application.

Regarding any doubts you can contact the AI's. Points will be given for the functionality mentioned above. Any extra useful features or great UX design might be rewarded.